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NOTICE OF ALLOWANCE AND FEE(S) DUE

20792

7590

11/18/2004

MYERS BIGEL SIBLEY & SAJOVEC PO BOX 37428 RALEIGH, NC 27627 EXAMINER
PERKINS, PAMELA E

PAPER NUMBER

ART UNIT

DATE MAILED: 11/18/2004

	APPLICATION NO. FILING DATE 10/601,937 06/24/2003		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	*CONFIRMATION NO.
			Jae-Sun Yun	5649-1137	7804

TITLE OF INVENTION: METHODS OF FORMING TRENCH ISOLATED INTEGRATED CIRCUIT DEVICES INCLUDING GROOVES

APPLN. TYPE	APPLN. TYPE SMALL ENTITY		PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1370	\$300	\$1670	02/18/2005

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. <u>PROSECUTION ON THE MERITS IS CLOSED</u>. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE QFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

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I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
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- A. Pay TOTAL FEE(S) DUE shown above, or
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- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

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Complete and send this form, together with applicable fee(s), to: Mail

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appropriate All further cor	respondence including the location or directed otherwise	Patent, advance or	ders and notificati	on of maintenance fees v	uired). Blocks 1 through 5 sl will be mailed to the current ; and/or (b) indicating a sepa	correspondence address as	
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						(Signature)	
						(Date)	
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nonprovisional	nonprovisional NO)	\$300	\$1670	02/18/2005	
EXAM	INER	ART UNIT		CLASS-SUBCLASS]		
PERKINS, 1	PAMELA E	2822		438-437000		•	
 Change of correspondence address or indication of "Fee Address" (3° CFR 1.363). Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Custome Number is required. 			2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.				
3. ASSIGNEE NAME AND	RESIDENCE DATA TO B	E PRINTED ON T	THE PATENT (pri	nt or type)		:	
PLEASE NOTE: Unless recordation as set forth in	an assignee is identified be 37 CFR 3.11. Completion	elow, no assignee of this form is NO	data will appear of a substitute for f	on the patent. If an assigning an assignment.	nee is identified below, the d	ocument has been filed for	
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Please check the appropriate	assignee category or catego	ories (will not be pr	inted on the patent): 🗖 Individual 📮 C	Corporation or other private gro	oup entity Government	
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Publication Fee (No small entity discount permitted) Advance Order - # of Copies			Payment by credit card. Form PTO-2038 is attached. The Director is hereby authorized by charge the required fee(s), or credit any overpayment, t				
Advance Order - # or	Copies		Deposit Account	Number	enclose an extra c	opy of this form).	
5. Change in Entity Status a. Applicant claims S	(from status indicated above MALL ENTITY status. See		☐ b. Applicant i	s no longer claiming SMA	ALL ENTITY status. See 37 C	FR 1.27(g)(2).	
The Director of the USPTO NOTE: The Issue Fee and P interest as shown by the reco	is requested to apply the Issu ublication Fee (if required) voords of the United States Pat	ue Fee and Publica will not be accepted ent and Trademark	tion Fee (if any) or I from anyone oth Office.	r to re-apply any previous er than the applicant; a reg	sly paid issue fee to the application of the state of the	ation identified above. ne assignee or other party in	
Authorized Signature				Date			
Typed or printed name				Registration	n No	· · · · · · · · · · · · · · · · · · ·	
This collection of informatic an application. Confidential submitting the completed at	on is required by 37 CFR 1.3 ity is governed by 35 U.S.C	311. The information. 122 and 37 CFR	on is required to ob 1.14. This collecti	otain or retain a benefit by on is estimated to take 12 he individual case. Any o	the public which is to file (an minutes to complete, includir comments on the amount of ti	d by the USPTO to process) ng gathering, preparing, and me you require to complete	

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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	L SIBLEY & SAJOVE	SC	PERKINS, PAMELA E		
PO BOX 37428 RALEIGH, NC	27627		ART UNIT	PAPER NUMBER	
•			2822		
			DATE MAIL ED. 11/10/200	4	

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.